

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: May 18, 2002, 04:48:35 ; Search time 63.25 Seconds
(without alignments)
101.564 Million cell updates/sec

Title: US-09-719-748-2_COPY_13_275
Perfect score: 1343
Sequence: 1 YDIGEELSGGFATVKKCRE.....LVKETRRLTIQELRHPWI 263

Scoring table:
BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 231628 seqs, 24425594 residues

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/1/1aa/5A.COMB.pep.*
2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep.*
3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep.*
4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep.*
5: /cgn2_6/ptodata/1/1aa/PCITUS.COMB.pep.*
6: /cgn2_6/ptodata/1/1aa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1121	83.5	454	2	US-09-159-385-1
2	1121	83.5	454	4	US-09-186-277-1
3	1106	82.4	448	2	US-09-159-385-2
4	1106	82.4	448	4	US-09-186-277-2
5	1079	80.3	331	4	US-08-810-712-24
6	1079	80.3	331	4	US-08-810-712-10
7	649	48.3	260	2	US-07-857-224B-23
8	571.5	42.6	261	2	US-07-857-224B-22
9	542.5	40.4	307	2	US-08-713-828-1
10	542.5	40.4	307	2	US-08-919-627-1
11	542.5	40.4	307	2	US-09-096-245-1
12	500	37.2	2860	2	US-08-826-267-2
13	492.5	36.7	343	2	US-08-878-989-5
14	492.5	36.7	343	4	US-09-272-796-5
15	489.5	36.1	370	2	US-08-715-568A-1
16	485	36.1	370	4	US-08-878-989-19
17	485	36.1	370	2	US-09-272-796-19
18	475	35.4	264	2	US-07-857-224B-18
19	474	35.3	264	2	US-07-857-224B-24
20	469	34.9	295	1	US-07-951-715A-23
21	469	34.9	295	3	US-08-459-448A-23
22	469	34.9	295	3	US-08-459-595A-23
23	469	34.9	295	3	US-08-459-504B-23
24	469	34.9	295	3	US-08-459-44A-23
25	469	34.9	295	4	US-09-587-422-23
26	462	34.4	463	1	US-07-951-715A-25
27	462	34.4	463	2	US-08-459-448A-25

28	462	34.4	463	3	US-08-459-595A-25	Sequence 25, Appl
29	462	34.4	463	3	US-08-459-504B-25	Sequence 25, Appl
30	462	34.4	463	3	US-08-459-44A-25	Sequence 0, Appl
31	462	34.4	463	4	US-07-547-422-25	Sequence 0, Appl
32	460	34.3	264	2	US-07-857-224B-19	Sequence 19, Appl
33	458.5	34.1	456	1	US-08-464-164-2	Sequence 2, Appl
34	458.5	34.1	456	1	US-08-338-057-2	Sequence 2, Appl
35	458.5	34.1	456	2	US-08-668-416-2	Sequence 2, Appl
36	458	34.1	625	4	US-09-347-801-18	Sequence 18, Appl
37	458	34.1	625	4	US-09-347-801-17	Sequence 17, Appl
38	457	34.0	633	4	US-09-347-801-4	Sequence 4, Appl
39	453	33.7	268	2	US-07-857-224B-20	Sequence 20, Appl
40	448	33.4	387	1	US-08-713-828-3	Sequence 3, Appl
41	448	33.4	387	2	US-08-919-627-3	Sequence 3, Appl
42	448	33.4	387	2	US-09-096-245-3	Sequence 3, Appl
43	439	32.7	268	2	US-07-857-224B-21	Sequence 21, Appl
44	439	32.7	464	1	US-07-951-715A-22	Sequence 22, Appl
45	439	32.7	464	2	US-08-459-448A-22	Sequence 22, Appl

ALIGNMENTS

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RESULT 1
US-09-159-385-1
: Sequence 1, Application US/09159385
: Patent No. 5938748
: GENERAL INFORMATION:
: APPLICANT: AKIRA, SHIZUO
: TITLE OF INVENTION: DNA CODING FOR SERINE/THREONINE KINASE
: FILE REFERENCE: PH-569
: CURRENT APPLICATION NUMBER: US/09/159, 385
: CURRENT FILING DATE: 1998-09-23
: EARLIER APPLICATION NUMBER: JP97/261589
: EARLIER FILING DATE: 1997-09-26
: NUMBER OF SEQ ID NOS: 8
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 1
: LENGTH: 454
: TYPE: PRT
: ORGANISM: Homo sapiens
US-09-159-385-1

Query Match      83.5%  Score 1121; DB 2; Length 454;
Best Local Similarity 79.8%; Pred. No. 3.2e-92;
Matches 210; Conservative 36; Mismatches 17; Indels 0; Gaps 0;

QY 1 YDIGEELSGGFATVKKCREKSTGLEFAAKRIKRSASRGVSREIEEVSILAOVL 60
DB 13 YEMGEELSGGFATVKKCRQKGTGKEFAAKRIKRRLLSSRRGVSREIEEVSILAEIR 72
QY 61 HNNVITLHDVYENRSDVHIELVSGELPFPLAKOKESLSSEEAFTFKQLDGVNLTAT 120
DB 73 HNNITLHDVYENRSDVHIELVSGELPFPLAKOKESLSSEEAFTFKQLDGVNLTAT 132
QY 121 KRIHFDLKPENIMLDKNIPHIKILDFGLAHEIDGVEFKNIFFGPEFAEIVNYE 180
DB 133 KRIHFDLKPENIMLDKNVPNRIKILDFGLAHEIDGVEFKNIFFGPEFAEIVNYE 192
QY 181 PLGLEADWMSIGVTITILLGASPLDGTKEOTLANTSVSYDDEEFSTSLANDFI 240
DB 193 PLGLEADWMSIGVTITILLGASPLDGTKEOTLNTISAVNYDDEEFSTSLANDFI 252
QY 241 RKLIVKETRRLTIQELRHPWI 263
DB 253 RRLIVKDPKRRMTIAQSLHSWI 275

RESULT 2
US-09-186-277-1
: Sequence 1, Application US/09186277

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? Patent No.6171841
? GENERAL INFORMATION:
?
? APPLICANT: AKIRA, SHIZUO
?
? APPLICANT: KAMAI, TARO
?
? TITLE OF INVENTION: DNA CODING FOR SERINE/THREONINE KINASE
?
? FILE REFERENCE: 081356/0128
?
? CURRENT APPLICATION NUMBER: US/09/186,277
?
? CURRENT FILING DATE: 1998-11-05
?
? EARLIER APPLICATION NUMBER: JP97/261589
?
? EARLIER FILING DATE: 1997-09-26
?
? NUMBER OF SEQ ID NOS: 8
?
? SOFTWARE: PatentIn Ver. 2.0
?
? SEQ ID NO 1
?
? LENGTH: 454
?
? TYPE: PRT
?
? ORGANISM: Homo sapiens
?
US-09-186-277-1

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	Query Match	Similarity	83.5%	Score 1121	DB 4	Length 454
Best Local	210	Conservative	36	Mismatches 17	Indels 0	Gaps 0
Matches	210	Conservative	36	Mismatches 17	Indels 0	Gaps 0
QY	1	YDIGELSGGQFAIYKCKREKSTGLEIYAKFTIKRQSRASRGVREIREVYSILROYL	60			
DB	13	YEMGELSGGQFAIRKCRQKQKGTGKYEAKFTKKRRLLSSRGVREIREVYNLTREHR	72			
QY	61	HHNVTLTDHVENRDTGVHIIELVSGGELFDPFLAKESLSSEBATSFIQIIDGVNYLHT	120			
DB	73	HNITTLTDHIDFENKTKDVLIIELVSGGELFDPFLAKESLTDEDAQFLQIILDGVHYLHS	132			
QY	121	KRIAHFDLKPENIMLMDKNIPPIPHKLIDFGLAHELEDGVEEKNITFGPDEFAPELVYNE	180			
DB	133	KRIAHFDLKPENIMLMDKNVNPRIKLIDFGLAHAIENGNEKNITFGPDEFAPELVYNE	192			
QY	181	PLGLEADMMWSIGVITYIILSGASPEFLGDTKQETLANITNSYXDFDEEFSHYSLEAKDPI	240			
DB	193	PLGLEADMMWSIGVITYIILSGASPEFLGDTKQETLANITNSAVNVDQDEEYSNNSLEAKDPI	252			
QY	241	RRLLYAKETRRKRLTIOEALRHPIW	263			
DB	253	RRLLYAKETRRKRLTIOEALRHPIW	275			

RESULT 3
 US-09-159-385-2
 : Sequence 2, Application US/09159385
 : Patent No. 5958748
 : GENERAL INFORMATION:
 : APPLICANT: AKIRA, SHIZUO
 : APPLICANT: KAMAI, TARO
 : TITLE OF INVENTION: DNA CODING FOR SERINE/THREONINE KINASE
 : FILE REFERENCE: PH-569
 : CURRENT APPLICATION NUMBER: US/09/159,385
 : CURRENT FILING DATE: 1998-09-23
 : EARLIER APPLICATION NUMBER: JP97/261589
 : EARLIER FILING DATE: 1997-09-26
 : NUMBER OF SEQ ID NOS: 8
 : SOFTWARE: PatentIn Ver. 2.0
 : SEQ ID NO 2
 : LENGTH: 448
 : TYPE: PRT
 : ORGANISM: Mus musculus
 US-09-159-385-2

	Query Match	82.4%	Score 1106;	DB 2;	Length 448;
	Best Local Similarity	79.5%;	Pred. No. 6.8e-91;		
	Matches	209;	Conservative	34;	Mismatches 20; Indels 0; Gaps 0;
Oy	1 YDIGELSGGFAIYKCKREKSTGLEVYAKPIKKRQSRASRGVRSEIEREVSLIROVL	60			
	:	:	:	:	:
	13 YEMGEELSGGFAIVRKQOKGTGMEVYAKPIKKRLRLSSRRGVRSREIEREVSILIREIR	72			
bcb	:	:	:	:	:

[illegible]

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: RESULT 4
: US-09-186-277-2
: Sequence 2, Application US/09186277
: Patent No. 6171841
: GENERAL INFORMATION:
: APPLICANT: AKIRA, SHIZUO
: APPLICANT: KAWAI, TARO
: TITLE OF INVENTION: DNA CODING FOR SERINE/THREONINE KINASE
: FILE REFERENCE: 081356/0128
: CURRENT APPLICATION NUMBER: US/09/186.277
: CURRENT FILING DATE: 1998-11-05
: EARLIER APPLICATION NUMBER: JP97/261589
: EARLIER FILING DATE: 1997-09-26
: NUMBER OF SEQ ID NOS: 8
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO. 2
: LENGTH: 448
: TYPE: PRT
: ORGANISM: Mus musculus
: US-09-186-277-2

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Query Match	82.4%;	Score 1106;	DB 4;	Length 448;
Best Local Similarity	79.5%;	Pred. No. 6.8e-91;		
Matches 209;	Conservative 34;	Mismatches 20;	Indels 0;	Gaps 0.
QY 1 YDIGEELSGGCAIYAKCKREKSTGLLEYAKFTKKRQSRASRVSREREYSILROYL 60				
DB 13 YEMGSELGSGCAIYAKCKQCKGTGMETAKFTKKRRLPSRRGVSNEELEREYSILREIR 72				
QY 61 HHNVITLHDVYENRTDVVHILELVSGGELFDPLAOKESISEEBATSFIKQILDGVNYLHT 120				
DB 73 HHNITLHDVYFNKTKDVVILELVSGGELFDPLAEKESITEDBAOFOQLQIIDGVNYLHS 132				
QY 121 KRIAHFDLKPENIMLMDKNIPRIHLKIDFGLAHTEDEGVKKNITGPREPAPELVANE 180				
DB 133 KRIAHFDLKPENIMLMDKNAASPRKILDFGLAHRIEASSEKKNITGTFEPAPPELVANE 192				
QY 181 PLGLEADWMSIGVITYIILSGASPELGDTRKQETLANITISVYDQDEEFSHTSELAKDEI 240				
DB 193 PLGLEADWMSIGVITYIILSGASPELGETKQETLTNISAVNYDQDEEYSSSTSELAKDEI 252				
QY 241 RKLIVKETRKRLTIOELALHPWI 263				
DB 253 RRLIVKDPKRRMTIAQSLHSWI 275				

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RESULT      5  RESULT      5  712-24
US-08-810-712-24
; Sequence 24, Application US/08810712G
; Patent No. 6160106
; GENERAL INFORMATION:
; APPLICANT: Yeda Research and Development Co. LTD
; TITLE OF INVENTION: Tumor Suppressor Genes, Proteins Encoded Thereby and
; TITLE OF INVENTION: Use of said genes and proteins

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[illegible]

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QY      1 YDIGELSGCAPYAKCKREKSTGLEVAAKTIKKRQSFASRGRVSRREIETREYSILRQVL 60
          |||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db      3 YNIERLRSKGRGQVFRLEIKRTGKGVYMAKGFKKFVYSK-----EKNIDDEISIMNCJH 56
          |||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
          Matches 126; Conservative 48; Mismatches 81; Indels 8; Gaps
Query Match 48.3%; Score 64.1; DB 2: Length 260;
Best Local Similarity 47.9%; Pred. No. 1,8E-50;

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      RESULT 10 *
US-08-919-627-1
: Sequence 1, Application US/08919627
: Patent No. 5833981
: GENERAL INFORMATION:
: APPLICANT: Bandman, Olga
: APPLICANT: Goll, Surya K.
: TITLE OF INVENTION: NOVEL HUMAN PHOSPHORYLASE
: TITLE OF INVENTION: KINASE GAMMA SUBUNIT
: NUMBER OF SEQUENCES: 5
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Incyte Pharmaceuticals, Inc.
: STREET: 3174 Porter Drive
: CITY: Palo Alto
: STATE: CA
: COUNTRY: U.S.
: ZIP: 94304
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: DOS
: SOFTWARE: FASTSEQ Version 1.5
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/919,627
: FILING DATE: August 28, 1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/713,828
: FILING DATE: September 13, 1996
: ATTORNEY/AGENT INFORMATION:
: NAME: Billings, Lucy J.
: REGISTRATION NUMBER: 36,749
: REFERENCE/DOCKET NUMBER: PR-0068-1 DIV
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 650-855-0555
: TELEFAX: 650-845-4166
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 307 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
: IMMEDIATE SOURCE:
: LIBRARY:
: CLONE: Consensus
US-08-919-627-1

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Query Match	40.4%	Score 542.5	DB 2	length 307
Best Local Similarity	44.6%	Pred. No. 6,9e-41		
Matches 103	Conservative	58	Mismatches 63	Indels 7
			Gaps	5
Qy	38	RASRGVS-REIEIEVSLTROYLHN--VTLHDVYERTROYVHILEVSGEELD--F	92	
Db	2	RRRRGGCCRMETITHEIALV--ELADNPVYNVLTHEYETASMTLVLEAAAGGELFDQCV	60	

RESULT 11
 US-09-096-245-1
 Sequence 1, Application US/09096245
 Patent No. 5977320
 GENERAL INFORMATION:
 APPLICANT: Bandman, Olga
 APPLICANT: Goli, Surya K.
 TITLE OF INVENTION: NOVEL HUMAN PHOSPHORYLASE
 TITLE OF INVENTION: KINASE GAMMA SUBUNIT
 NUMBER OF SEQUENCES: 5
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Incyte Pharmaceuticals, Inc.
 STREET: 3174 Porter Drive
 CITY: Palo Alto
 STATE: CA
 COUNTRY: U.S.
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/096,245
 FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/713,828
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy J.
 REGISTRATION NUMBER: 36,749
 REFERENCE/DOCKET NUMBER: PF-0068 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-855-0555
 TELEFAX: 415-845-4166
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 307 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 IMMEDIATE SOURCE:
 LIBRARY:
 CLONE: Consensus
 US-09-096-245-1

[illegible]

QY 153 AHEIDGVEEPNKTEGEFAAFAVTVNNEPGLGDDMSISIVTVIYLLSGASPEFGDKE 212
 120 SRIKNSSELRKMGTEBYAFAPELLSDPISMAKDMSISIVTVIYVLMGTGSPFLGDKOE 179
 Db
 QY 213 TLANITSVSYDPEEFPSHSSELAKDPTIKLLVETKRLTIGLQALNHPM 263
 180 TFLNISQNNLSISEEPFVLSKANDVETRLILVAKPREDRATAECLKNPML 230
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[illegible]

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Db      2797  EDPAKRPSAALQEQWL 2814
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RESULT 13
US-08-878-989-5
; Sequence 5, Application US/08878989
; Patent No. 5885603
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Corley, Neil C.
; APPLICANT: Guegler, Karl G.
; APPLICANT: Lal, Preeti
; APPLICANT: Goll, Surya K.
; APPLICANT: Shah, Purvi
; TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN
; TITLE OF INVENTION: KINASES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/878,989
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J J
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0321 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 343 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: PROSNOT06
; GLOBE: 827431
US-08-878-989-5

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Db	15	YEIERLGRSGAFSEVYLAQERGSNHLVALMCIPKMLRG-----KEALVENETIAVLRIS	69	
Qy	61	HHNVITLHDVYENFRDVAHLLIELVSGGEFLDFLAQKSSLSSEETKSTIRKILDDGVNVIHR	120	
Db	70	HPNIVALEDVHSESHLYLAMELVTGGELFDRIMERGSYTERKASHLVGGVLAQAVSTLHS	129	
Qy	121	KRIAHFDKRPENIMLDDKNPIPIIKIL--DEGLAHEIEDEGVKKRNFQIPPEVAETIVN	178	
Db	130	LGIVHRDRLKPNLLIYA---TFPEEDSKIMVSDGFLS-KIQAGNMIGTACGIPGVVAPELLE	185	

OY 179 YEPGLEDDMSIVIRIYYILLSGSPFGDKOETLANITSYDPEEFSHTSELAK 238
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Db 186 QKPGKANVDWALVISIYLCCGPPPYDESDPELFSQLRASYEFDPXWDISESKD 245
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OY 239 FIRKLVEKTRKLLTQDALHPPI 263
 ||::||::||::||::||::||::||::||::||::||::||::||
Db 246 FIRHLLEERDLQKRFYCOALFDLMI 270
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RESULT 14

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US-09-372-796-5
: Sequence 5, Application US/09272796
: Patent No. 6207148
: GENERAL INFORMATION:
:   APPLICANT: Bandman, Olga
:   APPLICANT: Hillman, Jennifer L.
:   APPLICANT: Corley, Neil C.
:   APPLICANT: Guegler, Karl G.
:   APPLICANT: Lal, Preeti
:   APPLICANT: Goll, Surya K.
:   APPLICANT: Shah, Purvi
:   TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN
:   TITLE OF INVENTION: KINASES
:   NUMBER OF SEQUENCES: 21
:   CORRESPONDENCE ADDRESS:
:     ADDRESSEE: Incyte Pharmaceuticals, Inc.
:     STREET: 3174 Porter Drive
:     CITY: Palo Alto
:     STATE: CA
:     COUNTRY: USA
:     ZIP: 94304
:   COMPUTER READABLE FORM:
:     MEDIUM TYPE: Diskette
:   COMPUTER: IBM Compatible
:   OPERATING SYSTEM: DOS
:   SOFTWARE: PASTEQ for Windows Version 2.0
:   CURRENT APPLICATION DATA:
:     APPLICATION NUMBER: US/09/372,796
:     FILING DATE:
:     CLASSIFICATION:
:     PRIOR APPLICATION DATA:
:       APPLICATION NUMBER: 08/878,989
:       FILING DATE:
:     ATTORNEY/AGENT INFORMATION:
:       NAME: Billings, Lucy J J
:       REGISTRATION NUMBER: 36,749
:       REFERENCE/DOCKET NUMBER: PF-0321 US
:       TELECOMMUNICATION INFORMATION:
:         TELEPHONE: 415-855-0555
:         TELEFAX: 415-845-4166
:         TELEX:
:   INFORMATION FOR SEQ ID NO: 5:
:     SEQUENCE CHARACTERISTICS:
:       LENGTH: 343 amino acids
:       TYPE: amino acid
:       STRANDEDNESS: single
:       TOPOLOGY: linear
:     IMMEDIATE SOURCE:
:       LIBRARY: PROSNOT06
:       CLONE: 827431
:   US-09-372-796-5

```

Query Match	36.7%	Score 492.5	DB 4	Length 343
Best Local Similarity	39.6%	Pred. No. 2.3e-36		
Matches 105	Conservative 55	Mismatches 94	Indels 11	Gaps 4

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0Y      1 YDIEELGSGOFAIVKKCREKSTGLEAMFIKKQSRASRGVSRDEIEVSIHQVL 60
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0Y      15 YEIERKSGAFSEVVLQAQERGAHLVAKCIPKALRG-----KALVENETAVLRIS 69
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
0Y      61 HHNVITLHDYENRTDVVHILELVSGELPDLQAQKSLSEEAATSIKQILDGVNLT 120
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Db      70  HPIVTALEDVHESSHLYLAMELVITGGELFDPRIMERSYTEREKDASHLYGVGLAVSTLHS 129
      121  KRIAHFDPKPENIMILDKNIPiPHIKLI -DfGLAEIEDGVEEKNIFGTPPEFVAPETVN 178
      130  LGIYHRDLKPEKNLIXA---TPFEESKTIWSPFGIS-KIQAGNMIGTACGIPGYAPLLE 185
Qy      179  YEPILGLEADWMSIGVITYIILSGASPEFGDTKQETLANITSVSYDPEDEFSSHSELAKD 238
      186  QKPIGKAVDVALVAYISTILLCGTPPEYDESDPELFSQILIRASTEFDPXPMDDISESGKD 245
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      246  FIRHLLEKDLQKFTCCQALFDLMI 270

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RESULT 15

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US-08-715-568A-1
: Sequence 1, Application US/08/15568A
: Patent No. 5856463
:
: GENERAL INFORMATION:
: APPLICANT: Prydz, Hans Peter Blankenborg
: APPLICANT: Brede, Gaute
: TITLE OF INVENTION: PSKH-1 Ribozymes and Uses in Disease
: TITLE OF INVENTION: Treatment
: NUMBER OF SEQUENCES: 14
:
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Lerner, David, Littenberg, Krumholz & Mentlik
: STREET: 600 South Avenue West
: CITY: Westfield
:
: STATE: NJ
:
: COUNTRY: USA
: ZIP: 07090-1497
:
: COMPUTER READABLE FORM:
: MEDIUM TYPE: floppy disk
:
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
:
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/715,568A
: FILING DATE:
:
: CLASSIFICATION: 514
:
: ATTORNEY/AGENT INFORMATION:
: NAME: Foley, Shawn P.
: REFERENCE/DOCKET NUMBER: FORSK 3.0-002
:
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 908-654-7866
: TELEFAX: 908-654-7866
:
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 424 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
:
US-08-715-568A-1

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Query Match	36.48	Score 489.5	DB 2	Length 424
Best Local Similarity	41.28	Pred. No. 5.5e-36		
Matches 110, Conservative	43	Mismatches 101	Indels 13	Gaps 5

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QY	177	VNPEPLGLEADMSIGVITYITLLSGASPGLDGIQKQETLANITSVSYDDEEFPSSHSELA	236

Sat May 18 15:09:10 2002

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QY	237	KDFIRKLLVKEKRRRLTIOEALRHPWI	263
DB	329	KDFIDRLTVDPGARMTALQALRHPV	355

Search completed: May 18, 2002, 04:48:36
Job time: 9418 sec